



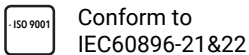
SBL260-12i (12V260Ah)



Applications

- Uninterruptable Power Supply (UPS)
- Electric Power System (EPS)
- Emergency backup power supply
- Emergency light
- Railway signal
- Alarm and security system
- Communication power supply
- DC power supply

Certificates



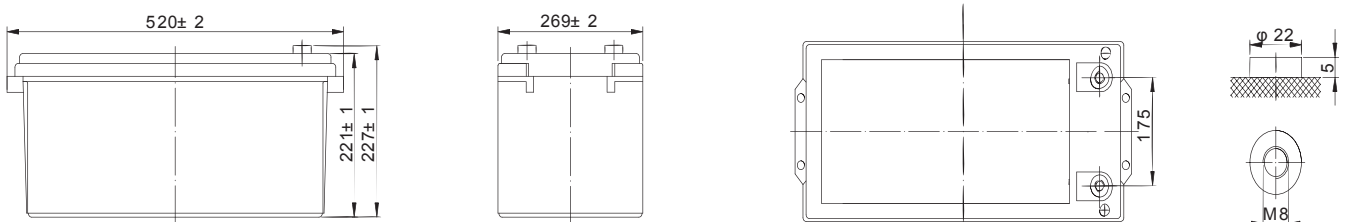
Specifications

Nominal Voltage	12V	Operating Temp. Range	Discharge: -20~50°C
Nominal Capacity	260.0Ah (C ₁₀ , 10.8V)		Charge: -10~50°C
Approx. Weight	71.0kg		Storage: -20~50°C
Terminal	M8	Cycle Use	Initial Charging Current less than 78.0A.
Container Material	ABS UL94 HB		Voltage 14.55V +1% at 20°C.
Rated Capacity (20°C)	276Ah/13.8A, 20hr, 10.5V		Temperature Coefficient -30mV/°C.
	260Ah/26.0A, 10hr, 10.8V	Standby Use	No limit on Initial Charging Current.
	252.8Ah/31.6A, 8hr, 10.5V		Voltage 13.65V +1% at 20°C.
	227Ah/45.4A, 5hr, 10.5V		Temperature Coefficient -20mV/°C.
	201.3Ah/67.1A, 3hr, 10.5V	Capacity affected by Temp.	40°C 103%
	158.9Ah/158.9A, 1hr, 9.6V		25°C 100%
Max. Discharge Current	2600A (5s)		0°C 86%
Internal Resistance / Impedance (1kHz)	Approx. 3.2mΩ	Self Discharge	SSB batteries may be stored for up to 6 months at 20°C and then a freshening charge is required. For higher temperatures the time interval will be shorter.
Nominal Oper. Temp. R.	20±3°C	Life Expectancy	10-12 years according to EUROBAT

Dimensions

■ M8 Terminal

Unit: mm | Dimensions: 520 Length X 269 Width X 221 Height (227 Height incl. Terminal)



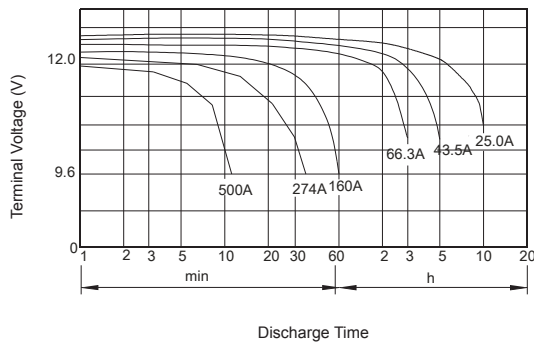
Constant Current Discharge (Amperes) at 20°C

F.V/Time	15min	30min	1h	1.5h	2h	3h	4h	5h	8h	10h	20h
1.60V/cell	445.9	281.9	158.9	122.3	94.6	73.3	57.6	49.1	33.0	27.4	14.3
1.65V/cell	426.3	270.6	153.4	117.8	91.6	71.1	56.1	47.8	32.6	27.1	14.1
1.70V/cell	399.3	258.7	148.4	115.2	88.6	69.1	54.6	46.5	32.1	26.7	13.9
1.75V/cell	371.6	247.2	143.0	112.2	85.5	67.1	53.2	45.4	31.6	26.3	13.8
1.80V/cell	343.1	236.3	137.5	109.2	82.4	65.0	51.6	44.2	31.1	26.0	13.6
1.85V/cell	284.7	203.5	123.3	-	75.5	60.1	48.0	41.2	29.2	24.5	13.0

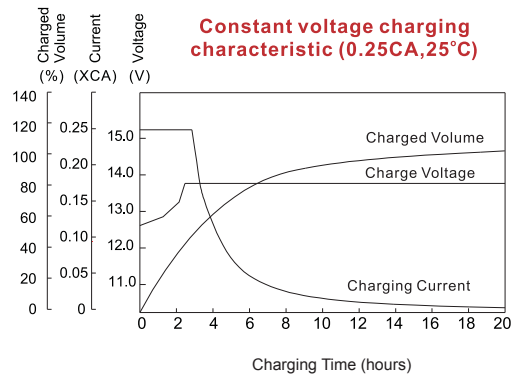
Constant Power Discharge (Watts/cell) at 20°C

F.V/Time	15min	30min	45min	1h	2h	3h	5h
1.60V/cell	810	497	361	300	182	135	91.0
1.65V/cell	770	475	347	291	175	133	88.2
1.70V/cell	747	465	343	285	172	131	87.0
1.75V/cell	705	449	332	278	165	127	85.2
1.80V/cell	660	434	325	268	160	123	83.2

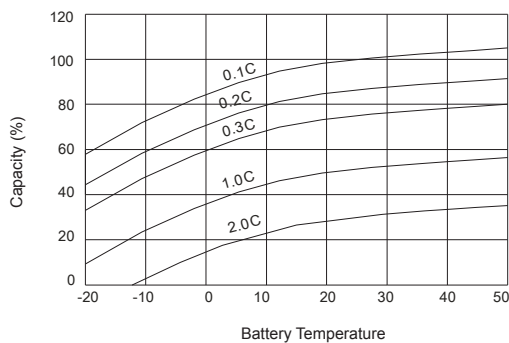
Discharge Characteristics



Float Charging Characteristics



Temperature Effects in Relation to Battery Capacity



Effect of Temperature on Long Term Float Life

